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24-AT-6045  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Fennern

: Art Unit: 3641

Serial No.: 09/683,343

: Examiner: R. Palabrica

Filed: December 17, 2001

For: MODULAR REACTOR  
CONTAINMENT SYSTEM

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**GROUP 3600**

**AMENDMENT AFTER FINAL OFFICE ACTION (37 C.F.R. § 1.116)**

Commissioner for Patents  
Mail Stop AF  
P.O. Box 1450  
Alexandria, VA 22313

Applicant respectfully requests consideration and entry of the following amendment submitted in response to the Office Action dated December 3, 2003, and made final.

**IN THE CLAIMS**

1. (currently amended) A metal containment vessel for a boiling water nuclear reactor, the boiling water nuclear reactor comprising a reactor pressure vessel, said containment vessel comprising:

a bottom head;

a removable top head;

a substantially cylindrical sidewall extending from said bottom head to said top head, said bottom head, top head and cylindrical sidewall defining a containment cavity sized to receive and enclose the reactor pressure vessel, said containment cavity comprising a containment cavity volume, said containment cavity volume less than 4 times the volume of the reactor pressure vessel, said containment vessel having a pressure rating of at least about 50 atmospheres;